

Page 1, line 7, before the paragraph beginning "The production of" insert --2. Present State

a2 of the Art--.

Page 1, line 26, before the paragraph beginning "The present invention" insert

a3 -- BRIEF SUMMARY OF THE INVENTION--.

Page 15, line 13, before the paragraph beginning "Various embodiments" insert

a4 --BRIEF DESCRIPTION OF THE DRAWINGS--.

Page 16, line 1, before the paragraph beginning "Figure 1 illustrates" insert

a5 --DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS--.

At the end of the application insert the following abstract:

--ABSTRACT OF THE DISCLOSURE

a THE 09869754.00301
The invention provides a series of techniques for processing uranium containing feed materials such as uranium ores, reprocessed uranium, uranium containing residues and uranium containing spent fuel. The processes described involve fluorination of uranium containing material, separation of the uranium containing material from other materials based on ionisation thereof with the non-ionised fluorine containing material being recycled. Metallic uranium and/or plutonium and/or fission products may result. The technique offers advantages in terms of the range of materials which can be reprocessed and a reduction in the number of complexity of stages which are involved in the process.--

IN THE CLAIMS:

Please cancel claims 1-25.

Please add the following new claims 26-65: